Title (en)

BLOOD OXYGEN SATURATION-BASED EVALUATION METHOD AND APPARATUS, INTELLIGENT WEARABLE DEVICE AND STORAGE MEDIUM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEWERTUNG DER BLUTSAUERSTOFFSÄTTIGUNG, INTELLIGENTE AM KÖRPER TRAGBARE VORRICHTUNG UND SPEICHERMEDIUM

Title (fr)

PROCÉDÉ ET APPAREIL D'ÉVALUATION BASÉ SUR LA SATURATION EN OXYGÈNE DU SANG, DISPOSITIF PORTATIF INTELLIGENT ET SUPPORT DE STOCKAGE

Publication

EP 3838126 A4 20220323 (EN)

Application

EP 18930322 A 20180817

Priority

CN 2018101092 W 20180817

Abstract (en)

[origin: EP3838126A1] Provided is an oxygen saturation-based assessment method, the method includes: obtaining an elevation and oxygen saturation corresponding to a user to be assessed, determining an assessment result corresponding to the user to be assessed based on the elevation and the oxygen saturation. The assessment method can timely assess the adaptability of the user to be assessed, which can prevent the occurrence of plateau reactions and plateau disease in advance and provide exercise guidance. And an oxygen saturation-based assessment device, smart wearable device and storage medium are provided further.

IPC 8 full level

G16H 20/30 (2018.01); **G16H 50/20** (2018.01)

CPC (source: EP US)

A61B 5/14542 (2013.01 - EP US); **A61B 5/6801** (2013.01 - EP US); **A61B 5/7246** (2013.01 - EP US); **G06Q 50/22** (2013.01 - EP); **G16H 20/30** (2017.12 - EP); **G16H 40/67** (2017.12 - EP); **G16H 50/20** (2017.12 - EP); **G16H 50/30** (2017.12 - EP)

Citation (search report)

- [XI] US 2011040156 A1 20110217 - VIJ ASHOK K [US]
- [XI] US 2013325498 A1 20131205 - MUZA JR STEPHEN R [US], et al
- See references of WO 2020034198A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3838126 A1 20210623; **EP 3838126 A4 20220323**; CN 112672684 A 20210416; US 2021153791 A1 20210527; WO 2020034198 A1 20200220; WO 2020034855 A1 20200220

DOCDB simple family (application)

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